

LAND RECLAMATION COMMISSION

STATE OF MISSOURI

P.O. BOX 176

JEFFERSON CITY, MISSOURI 65102

573-751-4041

Permit To Engage in Surface Mining

LAND RECLAMATION COMMISSION

ISSUES TO

FALL VALLEY STONE, INC.

Pursuant to "The Land Reclamation Act," RSMo, 2001, and on conformity with the statements

In the application, a permit is hereby granted to engage in surface mining of

limestone in the state of Missouri. The extent of the

Proposed mining operation(s) will be on 31 acres, more or less.

The locations of the operation(s) under this permit is/are as follows: Renewal

County	Section	Township	Range	Acres Renewed	Acres New	Total Acres	Site/Stream Name	Site Number
Lawrence	21	28N	25W	31	0	31	Chesapeake	0492

This permit may be suspended or revoked upon violation of any or all of the conditions set forth in "The Land Reclamation Act," RSMo. 2001, or in such rules and regulations as are promulgated pursuant thereto by the Land Reclamation Commission.

IN WITNESS WHEREOF I have hereunto set my hand this 14th day of May 2004

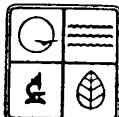


DIRECTOR OF STAFF
Land Reclamation Commission

Permit No. 0444T
Effective Date 05/14/2004
Expiration Date 05/12/2005

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MISSOURI DEPARTMENT OF NATURAL RESOURCES
LAND RECLAMATION COMMISSION
PERMIT RENEWAL FOR INDUSTRIAL MINERAL MINES

MISSOURI LAND

P.O. BOX 176
JEFFERSON CITY, MO 65102-0176

NAME OF CORPORATION, COMPANY, PARTNERSHIP OR INDIVIDUAL FALL VALLEY STONE, INC.		DATE April 8, 2004	
ADDRESS PO BOX 287	CITY Mount Vernon	STATE MO	ZIP CODE 65712
CONTACT PERSON David E. Bailey		TELEPHONE NUMBER (417) 732-8286	

FEES: COMPLETE SECTION I OR SECTION II

SECTION I. Fees: Open pit operators and those mining more than 5,000 tons of sand and/or gravel:

1. To compute the site fee complete the information below:

SITE NAME OR NUMBER (add a separate sheet for additional sites)	Mark each month that the site will be operated during the permit year	For sites operated less than six months per permit year pay \$150 For sites operated six months or more per permit year pay \$300
1. Fall Valley Stone, Inc #444	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$ 300.00
2.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
3.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
4.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
5.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
6.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
7.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
8.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
9.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
10.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
TOTAL SITE FEE		\$ 300.00

2. Acreage Fee \$5 X 31 number of acres bonded\$ 155.00

3. Annual Permit Fee.....\$ 500

4. Total Fee (Add totals from 1, 2 and 3).....\$ 955.00

NOTE: If Total Fee exceeds \$2,500.00 then pay only\$ 2,500

SECTION II. FEES: Sand or gravel operators mining less than 5,000 tons per year:

1. Annual Permit Fee.....\$ 300

SIGNATURE OF APPLICANT <i>David E. Bailey</i>		TITLE President	DATE 4-6-04
Appeared before me this <u>6th</u> day of <u>April</u> , 20 <u>04</u> , <u>David E. Bailey</u> to me personally known, who executed the above as their free acts and deeds.			
NOTARY PUBLIC EMBOSSEER SEAL	STATE OF <u>Missouri</u>		COUNTY (OR CITY OF ST. LOUIS): <u>Greene</u>
	SUBSCRIBED AND SWORN BEFORE ME, THIS <u>6th</u> DAY OF <u>April</u> YEAR <u>2004</u>		
	NOTARY PUBLIC SIGNATURE <i>Monica L. Epps</i>	MY COMMISSION EXPIRES <u>04-24-05</u>	
	NOTARY PUBLIC NAME (TYPED OR PRINTED) <u>Monica L. Epps</u>		
FOR DEPARTMENT USE ONLY: APPROVED BY <i>Mark J. Hubert</i>		DATE APPROVED <u>4/13/04</u>	PERMIT NUMBER <u>0444T</u>
		EXPIRATION DATE <u>5/12/05</u>	



MISSOURI DEPARTMENT OF NATURAL RESOURCES
LAND RECLAMATION COMMISSION
PERMIT TRANSFER

P.O. BOX 176
JEFFERSON CITY, MO 65102

PERMIT TRANSFER (FOR TRANSFERRING PERMITTED ACRES FROM ONE OPERATOR TO ANOTHER, WITH NO CHANGES IN MINE PLAN OR ACREAGE)

NAME OF CURRENT PERMIT HOLDER Ivan L. Rose & Julia B. Rose PERMIT NUMBER 444

SITE(S) on 80 acres along 174 about 1 mile east of Chuapeake Missouri

ADDRESS Box 194- RR1

CITY MT. Vernon STATE Missouri ZIP CODE 65712

CONTACT PERSON Ivan or Julia Rose PHONE NUMBER 417-466-3874

TO BE COMPLETED BY THE CURRENT PERMIT HOLDER
List all reclamation bonds which are held on this permit 2417-466-3505

BONDING COMPANY	BOND NUMBER	BOND DATE	AMOUNT
<u>Mercantile Bank</u>	<u>22-33933</u>	<u>April 4-1988</u>	<u>500.00</u>
<u>Mercantile Bank</u>	<u>22-38753</u>	<u>May 3-1989</u>	<u>1,000.00</u>
<u>Lawrence Co. Bank</u>	<u>6693</u>	<u>April 21-1990</u>	<u>2,500.00</u>
<u>now - Commerce</u>			
<u>Law Co. Bank</u>	<u>7149</u>	<u>April 18-1991</u>	<u>4,500.00</u>
<u>Law Co. Bank</u>	<u>7181</u>	<u>June 8-1991</u>	<u>500.00</u>
<u>Law Co. Bank</u>	<u>7182</u>	<u>June 8-1991</u>	<u>500.00</u>
<u>Law Co. Bank</u>	<u>7877</u>	<u>July 7-1993</u>	<u>500.00</u>

TO BE COMPLETED BY PROPOSED SUCCESSOR

NAME OF PROPOSED SUCCESSOR FALL Valley Stone 14 1994

ADDRESS PO BOX 287 MISSOURI LAND RECLAMATION COMMISSION

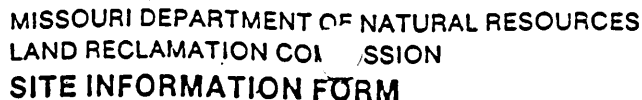
CITY MT VERNON STATE Missouri ZIP CODE 65712

CONTACT PERSON Steve Stevens - Bob Wells TELEPHONE NUMBER (417) 732-8286

List any other Land Reclamation Commission Permits currently or previously held by successor or companies owned or partially controlled by successor.

NAME OF COMPANY	PERMIT NUMBER	MINERAL

NOTE: The successor company must provide proof of bond replacement and an affidavit of publication for the required public notice.



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To be completed for each separate area of disturbance associated with mining operations.

APR 11 1997

SITE NAME OR NUMBER CHESAPEAKE, MO		PERMIT NUMBER TRANSFER #4441 - ROSE MIAMI AND RECLAMATION COMMISSION	
COMPANY NAME FALL VALLEY STONE, INC.			
COUNTY LAWRENCE	1/4 SECTION E 1/2 of NE 1/4	SECTION 21	
TOWNSHIP 28N	RANGE 25W	ACRES 65	
RIVER OR STREAM NAME (FOR IN-STREAM ACRES) N/A			
MINERAL COMMODITY LIMESTONE		ESTIMATED TONS/YEAR (FOR GRAVEL SITES) N/A	

NAME OF LANDOWNER (ATTACH LIST IF MORE THAN ONE)		
FALL VALLEY STONE, INC.		
ADDRESS		
P.O. BOX# 287		
CITY	STATE	ZIP CODE
MOUNT VERNON	MO	65712
SOURCE OF RIGHT TO MINE (CHECK ONE):		DATE OF AGREEMENT
<input type="checkbox"/> MINERAL DEED <input type="checkbox"/> LEASE		
<input checked="" type="checkbox"/> WARRANTY DEED <input type="checkbox"/> VERBAL AGREEMENT		
<input type="checkbox"/> OTHER (DESCRIBE): _____		

MINERAL RIGHTS OWNER (ATTACH LIST IF MORE THAN ONE)		
FALL VALLEY STONE, INC.		
ADDRESS		
P.O. BOX# 287		
CITY	STATE	ZIP CODE
MOUNT VERNON	MO	65712
SOURCE OF RIGHT TO MINE (CHECK ONE):		DATE OF AGREEMENT
<input type="checkbox"/> MINERAL DEED <input type="checkbox"/> LEASE		
<input checked="" type="checkbox"/> WARRANTY DEED <input type="checkbox"/> VERBAL AGREEMENT		
<input type="checkbox"/> OTHER (DESCRIBE): _____		
NOTE: Each site must be shown on a map and be included in a public notice and an approved mine plan.		



MISSOURI DEPARTMENT OF NATURAL RESOURCES
LAND RECLAMATION COMMISSION
MINE PLAN

P.O. BOX 176
JEFFERSON CITY, MO 65102

TYPE OF PLAN (CHECK ONE):

☐ SHORT TERM, FOR ONE PERMIT YEAR

☒ LONG TERM, FOR PERIOD THROUGH DATE: **MAY 2014**

DESCRIPTION OF SITE PRIOR TO LAND RECLAMATION COMMISSION PERMITTING (BY APPLICANT OR PRIOR OPERATOR), INCLUDING SOIL, VEGETATION AND TOPOGRAPHY.

Plan covers an area of approximately 65 acres. Topography is rolling with steep slope, grassy, open with no wooded area. Topsoil is thin and rocky.

OPERATION PLAN - 10 CSR 40-10.020(2)(D)1.

A. TOPSOIL

AVERAGE DEPTH OF TOPSOIL, PRIOR TO LAND RECLAMATION COMMISSION PERMITTING

2

INCHES

IS TOPSOIL TO BE SOLD OR DISCARDED OFFSITE?

☐ YES OR ☒ NO

DESCRIBE METHODS AND EQUIPMENT USED FOR TOPSOIL REMOVAL

The removal of overburden will be done by dozer. The topsoil will be pushed to the storage pile and, if present, subsoil will be placed in storage sites to be used in the final grading after quarrying operations have been completed in specific areas.

Rev. 4/94 -- Topsoil exists primarily on the northeast corner of the site. This will be the last portion of the site to be quarried. As rock is removed in proximity to this topsoil, the cuts will be filled with spoil and overburden. The topsoil removed will be placed in a storage pile on that graded area and maintained until used in final reclamation of the site.

DESCRIBE METHODS AND EQUIPMENT USED FOR TOPSOIL STORAGE AND PROTECTION

Topsoil removal will be done with a dozer and will be placed in storage piles near the pit area with either the dozer or end-loader and trucks. Piles will be seeded with grass to resist erosion.

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MISSOURI LAND
RECLAMATION COMMISSION

B. SPOIL.

DESCRIBE METHODS AND LOCATION OF SPOIL PLACEMENT AND DISPOSAL

SPOIL WILL BE REMOVED FROM AREAS TO BE MINED AND PLACED IN AREAS WHICH ARE NOT TO BE MINED.

REV. 4/94 The former operator had placed spoil in the areas west and south and adjacent to the pit. Spoil will be added to this pile as the pit is expanded to the north in future years. When the north boundary is reached on the west side of the site, spoil will be placed in the mined-out areas as quarrying moves eastward. Methods of placement and disposal will be by the most economical combination of hauling in trucks and moving with dozer and scraper.

C. ACID MATERIALS

DESCRIBE METHODS AND EQUIPMENT USED FOR HANDLING ACID MATERIALS (IF NONE IS ANTICIPATED, WRITE "NONE" BELOW)

NONE

D. PIT INFORMATION (GIVE ALL DIMENSIONS IN FEET)

DESCRIBE LOCATION AND ORIENTATION OF PIT, IF NOT CLEAR ON SITE MAPS

REFER TO MAP.

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RECLAMATION COMMISSION

YES	NO
<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>

Will any excavation be at or within fifty feet (50') of the right-of-way of any public road?

Will any highwall consisting of unconsolidated materials be left within fifty feet of the right-of-way of any public road? (NOTE: For unconsolidated materials left in place, a slope of no more than forty degrees may start near the right of way, and in no case may the excavation be closer to the right of way than fifty feet or twenty-five feet plus one and one-half (1-½) times the depth of unconsolidated material, whichever is greater, unless a variance is granted by the Commission.)

Will any excavation start at or within fifty feet (50') of any property line?
(NOTE: If the answer is "yes", a safety barrier may be needed.)

RECLAMATION PLAN - 10 CSR 40-10.020(2)(D)2.**A. REVEGETATION** (Attach additional sheets, if needed)

REVEGETATION MIX #1

1

PURPOSE OR LAND USE

PASTURE

B. SEEDING OR PLANTING TIME

SPRING (March 15-May 15)

DESCRIBE METHODS AND EQUIPMENT TO BE USED FOR SEEDING OR PLANTING

DURING THE FIRST SPRING FOLLOWING TOPSOIL REPLACEMENT, THE SEED MIX WILL BE BROADCAST. RE-SEEDING WILL BE DONE AS NEEDED TO ACHIEVE GRASS COVER SUFFICIENT TO CONTROL EROSION AND TO SUPPORT PASTURE. THE EQUIPMENT TO BE USED FOR SEEDING WILL BE A FARM TRACTOR WITH A SEEDING ATTACHMENT; INCORPORATION INTO THE SOIL WILL BE DONE WITH A DISC OR HARROW.

Lime and fertilizer will be applied according to recommendations made, based on an analysis of soil texture and nutrients. Mulch will be applied to all slopes exceeding 5:1.

SEEDED SPECIES	POUNDS/ACRE	TREE OR SHRUB SPECIES	STEMS/ACRE
KENTUCKY 31 FESCUE	25# PER ACRE		

REVEGETATION MIX #2

N/A

PURPOSE OR LAND USE

B. SEEDING OR PLANTING TIME

DESCRIBE METHODS AND EQUIPMENT TO BE USED FOR SEEDING OR PLANTING

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MISSOURI LAND
RECLAMATION COMMISSION

Lime and fertilizer will be applied according to recommendations made, based on an analysis of soil texture and nutrients. Mulch will be applied to all slopes exceeding 5:1.

SEEDED SPECIES	POUNDS/ACRE	TREE OR SHRUB SPECIES	STEMS/ACRE

ATTACH ADDITIONAL SHEETS FOR ADDITIONAL SEED MIXES.

B. GRADING

DESCRIBE PROPOSED RECLAIMED TOPOGRAPHY, INCLUDING SLOPES

ALL SPOIL AREAS WILL BE GRADED TO SLOPES TRAVERSABLE BY FARM MACHINERY. FINAL PIT AREA TO BE A LAKE.

REV.4/94 The 65 Acres included in this permit will, after reclamation, have grassy slopes over the mined area that has been filled and graded (approximately 45 acres) and a 20 acre water impoundment. The steep slope and vegetation in the northwest corner prior to permitting will remain in its current state.

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MISSOURI LAND
RECLAMATION COMMISSION**C. DESCRIBE THE GENERAL SEQUENCE AND TIMING OF THE FOLLOWING ACTIVITIES****GRADING**

GRADING WILL BE DONE AS PIT ADVANCES AND WHEN WE HAVE COMPLETED PLACING SPOIL IN CERTAIN LOW AREAS AND MINED-OUT AREAS. FINAL GRADING TO BE COMPLETED WITHIN 12 MONTHS AFTER QUARRYING ACTIVITIES ARE COMPLETED IN CLOSE PROXIMITY TO RECLAMATION.

REPLACEMENT OF TOPSOIL

TOPSOIL WILL BE SPREAD UPON SPOIL AREA AFTER SPOIL HAS BEEN GRADED TO ROLLING TOPOGRAPHY: *TOPSOIL WILL BE REPLACED WITHIN 12 MONTHS OF PERMIT EXPIRATION ON MINED-OUT AREAS*

CREATED BY BOB WELLS 5/31/94

REVEGETATION

ALL TOP-SOILED AREAS WILL BE SEEDED DURING THE FIRST SPRING FOLLOWING TOP-SOIL REPLACEMENT WITH ALL SEEDING AND PLANTING TO BE COMPLETED WITHIN 24 MONTHS AFTER QUARRYING ACTIVITIES ARE COMPLETED.

AVERAGE DEPTH OF REPLACED TOPSOIL (INCHES)*2***D. USE OF LAND WHEN RECLAIMED**

Estimate acreage of each land use below, after reclamation

ESTIMATED ACRES:

Wildlife (forest or other habitat with livestock excluded)

Agricultural (pasture, cropland, and horticultural)

45

Development (residential, industrial, and recreational)

Water impoundments (for wildlife, agricultural, or development)

20

By my signature, I attest to the following:

1. All statements made on this Mine Plan Form are correct, complete, and true, to the best of my knowledge.
2. I or the company I am authorized to represent intend(s) to mine in accordance with this Mine Plan Form, and in accordance with the Missouri Land Reclamation Act, Sections 444.760 through 444.789, RSMo (Supp. 1990), and all rules, regulations, orders, decisions and permits of the Missouri Land Reclamation Commission pertaining to my company's surface mining operations.
3. I have obtained the approval of all landowner's for all proposed post-reclamation land uses.
4. I have a valid agreement with all landowners which gives me the right to grant access to the Director of the Missouri Land Reclamation Commission and his authorized representatives, and I grant such access, and further where I have no such right, I have attached signed affidavits from the landowners, granting such access.

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MISSOURI LAND
RECLAMATION COMMISSION

SIGNATURE OF APPLICANT <i>Linda E. Bailey</i>		TITLE PRESIDENT	DATE FEB. 16, 1994
NOTARY PUBLIC EMBOSSEER SEAL	STATE	COUNTY (OR CITY OF ST. LOUIS)	
SUBSCRIBED AND SWORN BEFORE ME, THIS 16 TH DAY OF FEBRUARY 1994		USE RUBBER STAMP IN CLEAR AREA BELOW	
NOTARY PUBLIC SIGNATURE <i>Linda E. Houser</i>		MY COMMISSION EXPIRES LINDA E. HOUSER	NOTARY PUBLIC STATE OF MISSOURI
NOTARY PUBLIC NAME (TYPED OR PRINTED) LINDA E. HOUSER		MY COMMISSION EXPIRES FEB. 15, 1997	COUNTY
APPROVED BY (DIRECTOR'S REPRESENTATIVE) <i>Brian D. Hicks</i>		DATE APPROVED 6-3-94	PERMIT NUMBER 444



FALL VALLEY STONE

INC

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JUN 19 1958

ST. JOSEPH, MO.

REGISTERED MAIL

POST OFFICE

ST. JOSEPH, MO.

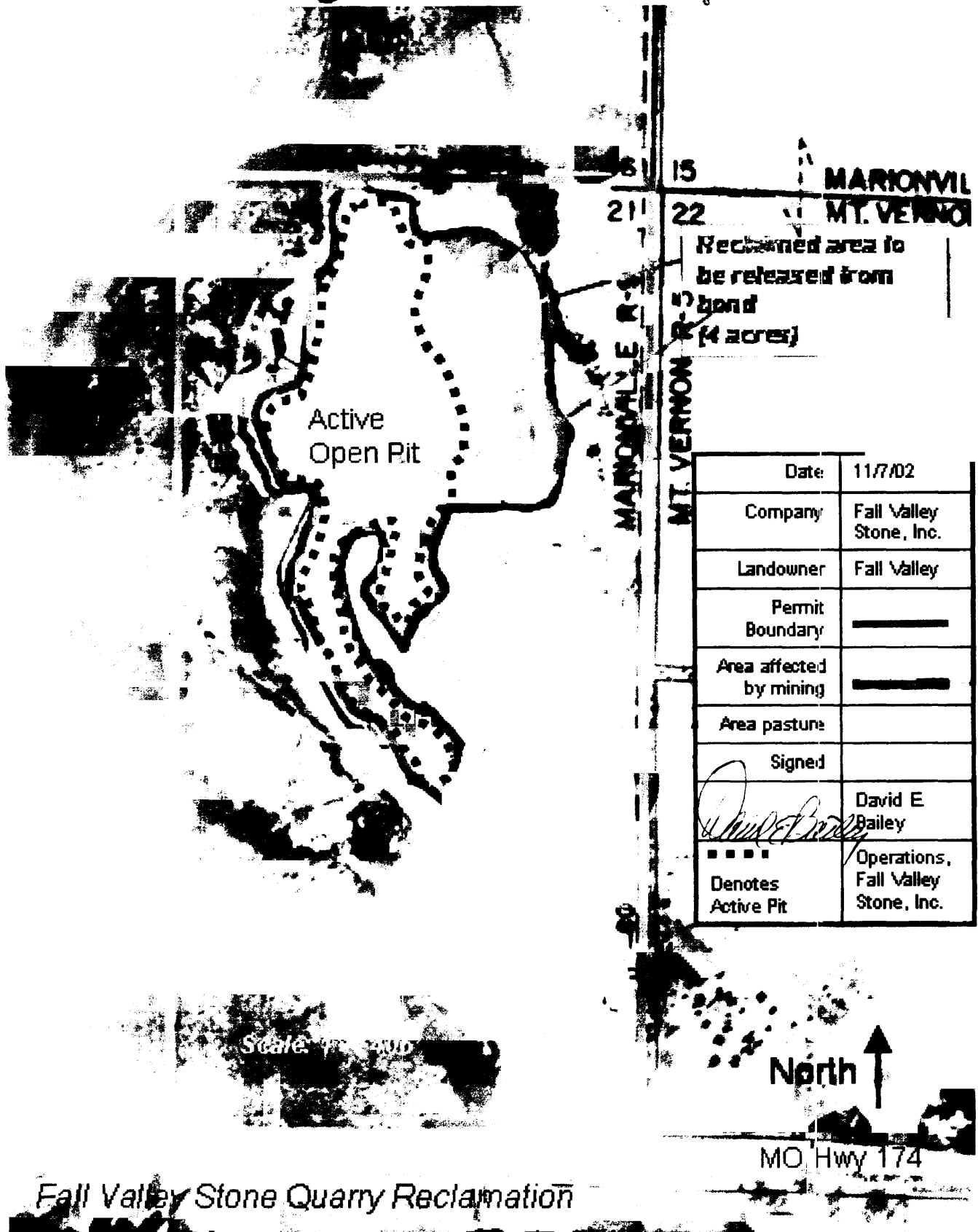
REGISTERED MAIL

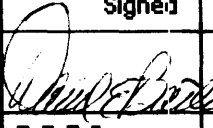
POST OFFICE

ST. JOSEPH, MO.

REGISTERED MAIL

POST OFFICE



Date	11/7/02
Company	Fall Valley Stone, Inc.
Landowner	Fall Valley
Permit Boundary	—————
Area affected by mining	—————
Area pasture	—————
Signed	
	David E. Bailey
Denotes Active Pit	Operations, Fall Valley Stone, Inc.

31 acres

4 acres

Map 96-10-5.1, Lawrence County, Sec 21 T28NR25W,
Photo 4/2/1996

E 1/2 of NE 1/4
S. 21, T. 28N, R. 25W

PRESENT AFFECTED AREA
- Stream

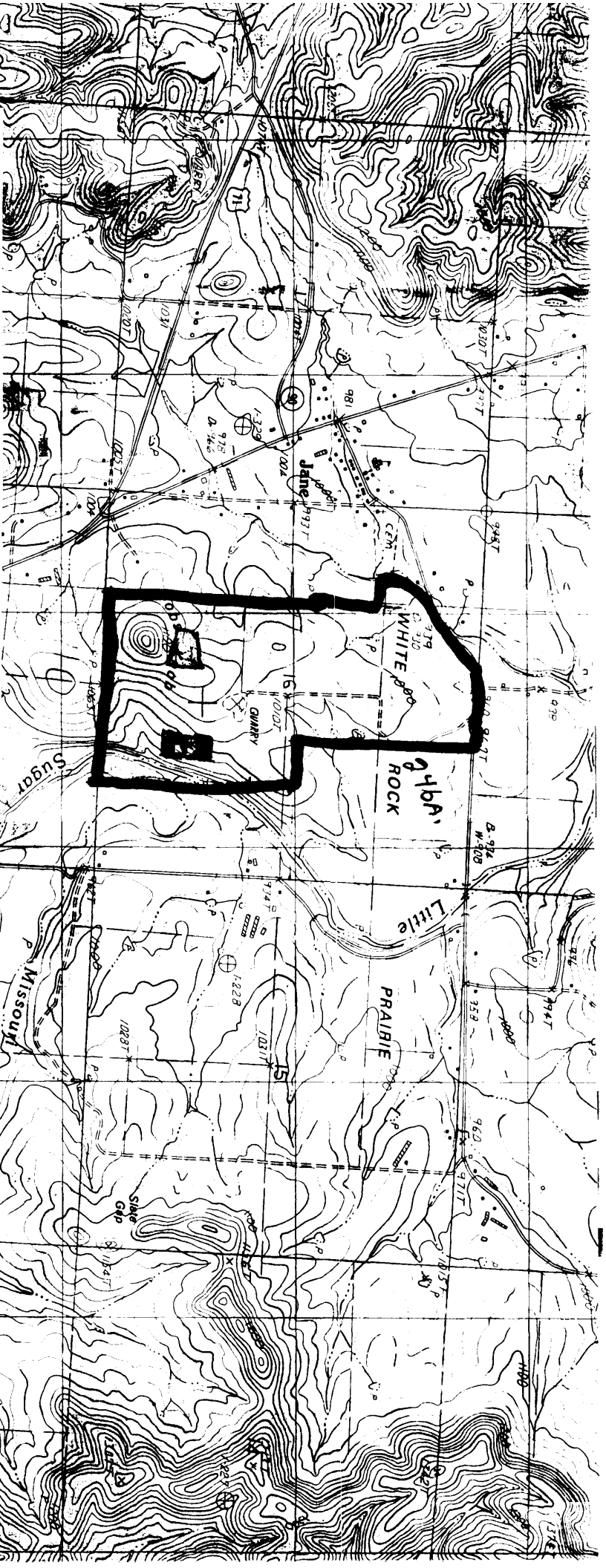
MAY 1999 Add
10 NEW ACRES

PRESENT PERMITTED 25 ACRES

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MAY 04 1999

MISSOURI LAND
DECLARATION COMMISSION

AS.C.S. MAP DATE
FEBRUARY 17, 1990



MAY 3, 1999
BAILEY QUARRIES INC JANE

PROPERTY Boundary

PRESENT PERMITTED 10 ACRES

10 NEW ACRES

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